

1501/101 1508/101 1602/101
1503/101 1601/101 1704/101
INFORMATION COMMUNICATION
TECHNOLOGY AND ENTREPRENEURSHIP
EDUCATION
Oct./Nov. 2017
Time: 3 hours



THE KENYA NATIONAL EXAMINATIONS COUNCIL

**CRAFT CERTIFICATE IN MECHANICAL ENGINEERING
(PRODUCTION OPTION)
CRAFT CERTIFICATE IN MOTOR VEHICLE ENGINEERING
CRAFT CERTIFICATE IN WELDING AND FABRICATION
CRAFT CERTIFICATE IN ELECTRICAL & ELECTRONICS ENGINEERING
(POWER OPTION), (TELECOMMUNICATION OPTION)
CRAFT CERTIFICATE IN BUILDING TECHNOLOGY**

MODULE I

INFORMATION COMMUNICATION TECHNOLOGY AND
ENTREPRENEURSHIP EDUCATION

3 hours

INSTRUCTIONS TO CANDIDATES

This paper consists of TWO sections; A and B.

Answer SIX questions from section A, and FOUR questions from section B in the answer booklet provided.

Maximum marks to each part of a question are indicated.

All questions carry equal marks.

Candidates should answer the questions in English.

This paper consists of 4 printed pages.

Candidates should check the question paper to ascertain that all the pages are printed as indicated and that no questions are missing.

SECTION A: ICT (60 marks)

Answer SIX questions from this section.

1. (a) Describe each of the following types of computers:
- (i) Supercomputer; → This are computers which are designed to give out data/information in a written format.
 - (ii) Minicomputer; - This PCs
 - (iii) Microcomputer. - This are a pro computer whose processor is combined together. (6 marks)
- (b) Write each of the following abbreviations in full:
- (i) CD-ROM; - Compact disk - Read only memory.
 - (ii) CR-RW; -
 - (iii) CD-R; - Compact disk - reader.
 - (iv) RAM. - Random Access memory (2 marks)
- (c) State two benefits derived from using a bar code reader for data capture. (2 marks)
- 1.5 - bar code reader
BCR bar
2. (a) Describe each of the following types of software:
- (i) editor; → it is a command given used in a document to re-^{copy} data.
 - (ii) compiler. ← (4 marks)
- (b) Explain three activities that may be performed on a disk using on operating system. (6 marks)
3. (a) State three measures that may be taken to make a password difficult to hack, - use of alphanumeric features while creating a password. (3 marks)
- (b) State three ways of protecting a flash disk. - scanning by use of antivirus computer (3 marks)
- (c) Outline the steps that should be followed when saving a document in word processing. - Not changing the flash disk which other users can use
By providing use of password for unauthorised users
Click the menu bar
click save as to give a topic
click save. (2 marks)
- (d) State two benefits of using tables in word processing. word sheet (2 marks)
4. (a) Explain each of the three drop cap options in word processing. (6 marks)
- (b) (i) Explain the term cell as used in spreadsheet. (2 marks)
- (ii) Explain the made of naming cells in a spreadsheet. (2 marks)

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5. (a) Distinguish between worksheet and workbook as used in spreadsheet. (4 marks)

Worksheet = it is platform where information and written info, a book where

(b) State the formula that should be used in a database to compute each of the following:

(i) Multiply a value stored in a field named 'quantity' with another value stored in a field named "unit price" in a form.

(ii) Compute the grand total of a field named "Amount" in a report.

(iii) Obtain the mean value from a field named score in a report.

(6 marks)

6. (a) Describe each of the following types of computer networks:

(i) Metropolitan area network; *has a limited access in cover a small area*

(ii) Wide area network. *network which can be shared by more users and has no limited access*

(4 marks)

(b) Outline the steps that should be followed to view a document sent via electronic mail.

click login icon

click bar menu

click on the bar menu click mail

the click icon

(6 marks)

7. (a) State two benefits of organizing text into frames in desktop publishing. (2 marks)

- for easy to printing

- To make it reproducible

(b) Explain each of the following terms as used in desktop publishing:

(i) scaling;

(ii) kerning.

(4 marks)

(c) Distinguish between transition and animation as used in presentation programs.

animation = set of pictures which resembles human and animal

transition =

(4 marks)

SECTION B: ENTREPRENEURSHIP EDUCATION (40 marks)

Answer **FOUR** questions from this section.

8. (a) List **six** methods that the management of a business enterprise may use to promote its products. ^{Advertising} ~~By use of other given offers~~ (3 marks)
- (b) Mike is a college graduate who is intending to start his own business. Outline **four** characteristics that he should possess to succeed in this field. ^{humble and respect the consumer/customer & he should surferice his firm to some people -} ^{he should be innovative} ^{he should have a good sby language.} (4 marks)
- (c) State **three** rules that should be followed when using the brainstorming method to generate a business idea. ^{avoid offering credits} ^{only - to dialogue} ^{and any training forums/online-} (3 marks)
9. (a) Outline **three** infrastructural facilities that an entrepreneur should consider when starting a business. ^{good roads} ^{electrical transmission} ^{Availability of raw-materials} (3 marks)
- (b) List **four** elements of the executive summary of a business plan. ^{Share information of future reference} ^{idea when humbig losses occur} (4 marks)
- (c) State **three** advantages of being a salaried employee. ^{earn a fixed amount of money} ^{easy to earn allowances} ^{easy to pay tax/government revenue and managing your basic need.} (3 marks)
10. (a) Outline **four** advantages of using computers in a business enterprise. ^{easy to store data/information} ^{speed and accuracy} ^{future reference} ^{fast in} (4 marks)
- (b) Explain **three** ways in which cultural factors may positively influence entrepreneurship. (6 marks)
11. (a) Explain **two** reasons that make it necessary to keep good financial records in an enterprise. ^{For future reference} ^{For Easy calculation of profit and losses made} ^{To organise and pay government revenue in time} (4 marks)
- (b) Explain **three** circumstances under which the political environment of a country may suppress entrepreneurship development. ^{lack of security which lead to loose of properties} ^{deduction} (6 marks)
12. (a) Outline **four** challenges that an entrepreneur may face at the growth phase of a business. ^{competition of firms} ^{poor record keeping} ^{poor managerial skills} ^{Technology} (4 marks)
- (b) Explain **three** requirements of a good enterprise social responsibility policy. ^{RISK-takav} ^{competitive} ^{innovation of new technology} ^{modern} (6 marks)

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